

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF
THE DEPENDENT RESURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES,
AND THE SUBDIVISION OF SECTION 29,

IN
TOWNSHIP 9 SOUTH, RANGE 8 EAST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Baugh
Supervisory Cadastral Surveyor

Under special instructions dated and approved *September 1, 1998*, approved *February 24, 1999*, which provided for the surveys included under Group Number 893, and assignment instructions dated *July 7, 1999*,

Survey commenced *July 8, 1999*

Survey completed *September 6, 1999*

INDEX DIAGRAM

Township 9 South, Range 8 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
	3				
30	29	28	27	26	25
	2				
31	32	33	34	35	36

The Subdivision of Section 29Page 4

TOWNSHIP 9 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 29, of T. 9 S., R. 8 E., Salt Lake Meridian, Utah.

History of Surveys**Surveyed by****Rear. or Resurveyed by****SOUTH BOUNDARY**

All J.C. Thoma and A. Nelson 1923-1924

EAST BOUNDARY (Uintah Indian Reservation Boundary)

All A.H. Brown and F.M. Brown 1903

WEST BOUNDARY

All H.D. Heist and W.A. Stumm 1909

NORTH BOUNDARY (Uintah Indian Reservation Boundary)

All A.H. Brown and F.M. Brown 1903

SUBDIVISION

All J.C. Clark 1927

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 893, dated September 1, 1998.

Preliminary to the resurvey the lines of the original survey were retraced and a diligent search was made for any evidence of the monuments and calls of the original field note record. Coordinates by the use of Global Positioning System (GPS) equipment were determined for each corner in this survey. True bearings and distances were calculated by inversing between these points.

The geographic position of National Geodetic Survey triangulation station "WILLOW", located in section 33, T. 5 S., R. 11 W., Uintah Special Meridian, Utah, is as follows:

Latitude 39° 59' 52.74082" N. Longitude 111° 07' 21.23033" W.
N.A.D. 1983. (1994)
Elevation: 9309 ft.

TOWNSHIP 9 SOUTH, RANGE 8 EAST, SALT LAKE MERIDIAN, UTAH

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The geographic position of the 1/4 section corner of sections 20 and 29, which will also function as a B.L.M. Control Station, was determined by a tie to National Geodetic Survey triangulation stations "WILLOW" by G.P.S., using relative positioning techniques, is as follows:

Latitude 40° 00' 59.952" N.
N.A.D. 1983

Longitude 111° 02' 44.575" W.

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1990 is 13 1/4° E.

Dependent Resurvey of a Portion of the Subdivisional
Lines, T. 9 S., R. 8 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
J.C. Clark in 1927

Beginning at the 1/4 section corner of sections 29 and 32, monumented with an iron post, 1 inch diameter, firmly set, projecting 4 inches above ground, with brass cap marked as described in the official record of the 1927 survey.

From which the original bearing trees:

An alpine fir, 14 inches diameter, bears N. 46° 00' W., 14 links distance,
with healed over blaze. (Record, N. 44° 15' W., 15 links)

A Douglas fir, 8 inches diameter, bears S. 30° 45' E., 31 links distance,
with healed over blaze. (Record, 30 links)

N. 89° 59.3' W., between sections 29 and 32.

39.974

The section corner of sections 29, 30, 31, and 32, monumented with an iron post, 2 inches diameter, projecting 4 inches above ground, with brass cap marked as described in the official record of the 1927 survey.

From which the original bearing trees:

A fir, 18 inches diameter, bears N. 65 1/4° E., 71 links distance,
marked T9S R8E S29 BT. (Record, N. 56° 45' E., 73 links)

A fir, 20 inches diameter, bears S. 70° 10' E., 172 links distance,
marked T9S R8E S32 BT. (Record, S. 69° 30' E., 174 links)

A pine, 20 inches diameter, bears S. 10° 50' W., 140 links distance,
marked T9S R8E S31 BT. (Record, S. 11° 15' W.)

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 9 S., R. 8 E., SALT LAKE MERIDIAN, UTAH

CHAINS

A stump hole of a fallen dead fir, 12 inches diameter, bears
N. 36° W., 175 links distance, with dim scribe marks visible on
open blaze. (Record, N. 36° 30' W., 177 links.)

From the 1/4 section corner of sections 29 and 30, monumented with an iron post, 1 inch
diameter, firmly set, projecting 8 inches above ground, with brass cap marked as described
in the official record of the 1927 survey.

From which the original bearing trees:

A Douglas fir, 30 inches diameter, bears S. 40° 45' E., 20 links distance,
with healed over blaze. (Record, S. 40° 15' E., 20 links)

A Douglas fir, 12 inches diameter, bears N. 10° 30' W., 92 links distance,
with healed over blaze. (Record, N. 10° 45' W.)

N. 0° 02.2' W., between sections 29 and 30.

40.059

The corner of sections 19, 20, 29, and 30, monumented with an iron post, 2 inches
diameter, projecting 5 inches above ground, with brass cap marked as described in the
official record of the 1927 survey.

From which the original bearing tree:

A Douglas fir, 36 inches diameter, bears S. 84° 30' W., 55 links distance,
with healed over blaze.

There is no remaining evidence of the original three aspen trees.

From the 1/4 section corner of sections 20 and 29, monumented with an iron post, 1 inch
diameter, firmly set, projecting 8 inches above ground, with brass cap marked as described
in the official record of the 1927 survey.

From which the original bearing trees:

A Douglas fir, 30 inches diameter, bears N. 4° 45' E., 344 links distance,
with healed over blaze.

A Douglas fir, 24 inches diameter, bears S. 65° 15' E., 220 links distance,
with healed over blaze.

This corner will also function as a B.L.M. control station, hereinbefore described.

N. 89° 49.9' W., between sections 20 and 29.

40.018

The corner of sections 19, 20, 29, and 30.

THE SUBDIVISION OF SECTION 29,
T. 9 S., R. 8 E., SALT LAKE MERIDIAN, UTAH

CHAINS

The Subdivision of Section 29.
T. 9 S., R. 8 E., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 29 and 32.

N. 0° 00.7' E., on the N-S center line of section 29.

39.995 Point for the center 1/4 section corner of section 29, at intersection with the E-W center line.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T9S R8E
C 1/4
S29
1999

Corner is located on a steep south slope.

80.002 The 1/4 section corner of sections 20 and 29.

From the 1/4 section corner of sections 28 and 29, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above ground, with brass cap marked as described in the official record of the 1927 survey.

There is no remaining evidence of the original bearing trees.

N. 89° 54.4' W., on the E-W center line.

40.038 The center 1/4 section corner of section 29.

80.026 The 1/4 section corner of sections 29 and 30.

UNITED STATES
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FIELD ASSISTANTS

Name	Capacity
Daniel W. Webb	Chief Cadastral Surveyor
Jerry L. Thomas	Cadastral Surveyor
M. Ross Workman	Cadastral Surveyor
Kevin J. McKee	Student Trainee

CERTIFICATE OF SURVEY

I, **Ronald K. Baugh**, *Supervisory Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *1st day of September, 1998*, I have *dependently resurveyed a portion of the subdivisional lines, and the subdivision of section 29, in Township 9 South, Range 8 East*,

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

Jan 4, 2000

Date

Ronald K. Baugh

(Supervisory Cadastral Surveyor)

Date

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurveyed a portion of the subdivisional lines, and the subdivision of section 29, in Township 9 South, Range 8 East, Salt Lake Meridian, Utah*,

executed by **Ronald K. Baugh**, *Supervisory Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

Jan. 12, 2000

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)